

MARIAM ELSAKA

Software Specialist - DXP at Giza Systems

Giza

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Professional Summary

I am a Front-End Developer with over 2 years of experience specializing in HTML, CSS, JavaScript, and Bootstrap. In my current role as a Software Specialist-DXP at Giza Systems, I work on large-scale, enterprise-level projects using Kore.ai, Liferay, and jbpmm, improving user engagement and system efficiency. Recently, I began working with React/Ts, building my first personal project to deepen my expertise in this framework. I have successfully delivered responsive and user-friendly interfaces that led to enhanced customer satisfaction and user retention.

Technical Skills

Languages: HTML, CSS, JavaScript, TypeScript

Frameworks & Tools: React, React Router, React Hooks, Bootstrap, Tailwind, Liferay, jbpmm, Jira

Version Control: Git, GitHub

APIs: Axios, Fetch

Soft Skills: Communication, Teamwork, resolve complex technical challenges, Leadership, Calm Under Pressure, Self-motivation

Languages: Arabic (Native), English (B1)

Professional Experience

Software Specialist - DXP

Giza Systems

Mar 2023 – Present

Cairo, Egypt

- Developed and maintained enterprise-level portals using Liferay, ensuring seamless functionality for +1 tasks.
- Streamlined business processes by automating workflows with jbpmm, reducing manual effort by 50% and improving operational efficiency.
- Implemented and integrated AI-powered chatbots using Kore.ai, enhancing customer service response time by 50%.

Internships

EBS Intern - DXP Team

Giza Systems

Aug 2023 – Feb 2024

Cairo, Egypt

- Trained extensively on Liferay and Camunda workflow tools, contributing to successful implementation of +3 tasks.
- Participated in RPA training, Completed RPA training and contributed to automating workflow processes, reducing manual tasks by 80%.
- Attended more than +15 soft skills development sessions, enhancing team collaboration and communication across 5 cross-functional teams.

SDLC Intern

MISR University for Science and Technology

Nov 2021 – Dec 2021

Giza, Egypt

- Assisted in system analysis for a Dental Clinics website, improving site usability by conducting over +15 user interviews to refine the user experience.
- Gained exposure to the full software development life cycle (SDLC).

Education

B.Sc. in Information Technology

Misr University for Science and Technology

GPA: 3.87 / 4.0

2019 – 2023

Giza, Egypt

Projects

E-learning Web Development Project (React)

Apr 2025 – May

- Enhanced a comprehensive e-learning platform featuring 10+ courses, quizzes, and real-time progress tracking.
- Leveraged modern front-end technologies to ensure responsive, user-friendly interfaces across 9+ devices.
- **Technologies:** React, JavaScript, Bootstrap, HTML, CSS

AI Arabic Sign Language Translator Website

Feb 2023 – Jul 2023

- Designed and trained a CNN-based AI model achieving 98% accuracy across 25+ signs.
- Integrated the model with Flask and MediaPipe for real-time gesture recognition.
- **Technologies:** Python, CNN, OpenCV, MediaPipe, Flask, Linux

Video Science Educational Website

Jan 2023 – Mar 2023

- Created an interactive educational platform with admin and user content control panels for 5+ users.
- **Stack:** HTML, CSS, Bootstrap , JavaScript, PHP, MySQL

Certificates

- Full Stack PHP – AMIT – 2021

Other Technical Certifications

- Improving Deep Neural Networks – Coursera – Dec 2022
- Neural Networks and Deep Learning – Coursera – Oct 2022

Extracurricular Activities

Front-End Leader & Instructor

Feb 2022 – Aug 2023

Must IEEE

Giza, Egypt

- Delivered interactive front-end development sessions (both online and offline) to over +50 students.
- Designed complete course material including slides, coding labs, assignments, and final project guidelines.
- Led students through practical HTML, CSS, JavaScript, and modern frameworks (e.g., React) with real-world projects.
- Evaluated student progress through regular assessments, code reviews, and personalized feedback.
- Supervised the web team in building and deploying the student organization website.

Front-End Workshop Instructor

Feb 2023

Independent Workshop

Remote / giza, Egypt

- Initiated and led a self-organized front-end workshop for 30+ members, replicating the Must IEEE teaching format.
- Delivered structured online sessions covering HTML, CSS, JavaScript, and responsive design.
- Created and shared custom course materials, coding exercises, and a final project to assess learning.